

SERVICE MANUAL

- PS-Q3A differs from PS-Q3 in following parts.
- Refer to the PS-Q3 Service Manual previously issued for the information not contained here. (QOSS)

US Model
Canadian Model
AEP Model
UK Model
E Model

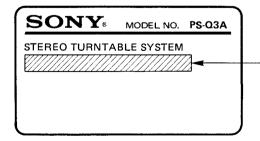
No.	Part No.	Description
48 48	4-885-133-00 4-885-133-21	(SILVER)BUTTON,POWER (BLACK)BUTTON,POWER
50 50	4-885-136-00 4-885-136-21	(SILVER)BUTTON,S/S (BLACK)BUTTON,S/S
78	4-905-536-01	LABEL, SWITCH
92	4-905-514-21	(US,Canadian,AEP,UK)(SILVER)
92	4-905-514-31	PANEL,ORNAMENTAL (US,Canadian,AEP,UK)(BLACK)
92 92	4-905-514-01 4-905-514-41	PANEL,ORNAMENTAL (E)(SILVER)PANEL,ORNAMENTAL (E)(BLACK)PANEL,ORNAMENTAL
94 94	*4-905-537-01 *4-905-535-01	(US, Canadian)LABEL, MODEL NUMBER
94 94 94	*4-905-535-01 *4-905-540-01 *4-905-538-01	(AEP)LABEL,MODEL NUMBER (UK)LABEL,MODEL NUMBER (E)LABEL,MODEL NUMBER
96 96	4-905-522-21 4-905-522-31	(SILVER)PANEL,CONTROL (BLACK)PANEL,CONTROL
98 98	4-905-539-01 4-905-539-11	(SILVER)FRAME (BRACK)FRAME
147 147	X-4905-503-1 X-4905-503-4	(SILVER)COVER ASSY, DUST (BLACK)COVER ASSY, DUST
212	4-905-533-11	(US,Canadian,AEP,UK)
212	4-905-533-21	INDIVIDUAL CARTON (E)INDIVIDUAL CARTON

NOTE:

Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

MODEL IDENTIFICATION

— Specification Label —



US, Canadian model: AC: 120V 60 Hz 3W

AEP model: AC : $220V \sim 50/60 \, Hz \, 3W$ UK model: AC : $240V \sim 50/60 \, Hz \, 3W$

E model: AC: 110 - 120V, $220 - 240V \sim 50/60 Hz 3W$

STEREO TURNTABLE SYSTEM SONY

English 85 C06110-1 Printed in Japan © 1985



MICROFILM

PS-03

SERVICE MANUAL



US Model Canadian Model AEP Model UK Model E Model

SPECIFICATIONS

Turntable

Platter

7.8 cm (31/8 in.), zinc-alloy diecast

Motor Drive system DC motor Belt drive

Control system

Electro governer servo control system

Speed

33¹/₃ rpm, 45 rpm 0.12% (WRMS)

Wow and flutter Signal-to-noise ratio

58 dB (DIN-B)

Automatic system

Lead-in, return, reject

Tonearm

Туре

Dynamic balanced low mass type

Cartridge

Туре

Moving magnet type 10 to 20,000 Hz 20 dB at 1 kHz

Load impedance

Frequency response

Channel separation

50 kilohms

Tracking force

2 g

Stylus Weight Sony ND-143G (0.6 mil diamond)

ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!

LES COMPOSANTS IDENTIFIÉS PAR UNE TRAME ET UNE MARQUE A SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈCES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPLÉMENTS PUBLIÉS PAR SONY.

General

Weight

Power requirements

US, Canadian model: 120 V ac, 60 Hz AEP model: 220 V ac, 50/60 Hz UK model: 240 V ~ ac, 50/60 Hz

E model: 110 - 120, 220 - 240 V ~ ac, 50/60 Hz

21/

Power consumption Dimensions

Approx. $215 \times 235 \times 58 \text{ mm (w/h/d)}$ $(81/_2 \times 93/_8 \times 23/_8 \text{ in.)}$

including projecting parts and controls Approx. 2.3 kg (5 lbs 2 oz) net

Approx. 3.0 kg (6 lbs 10 oz), in shipping

carton

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY SHADING AND MARK

ON THE SCHEMATIC DIAGRAMS AND IN THE
PARTS LIST ARE CRITICAL TO SAFE OPERATION.
REPLACE THESE COMPONENTS WITH SONY PARTS
WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS
MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

STEREO TURNTABLE SYSTEM SONY





SAFETY CHECK-OUT (US Model)

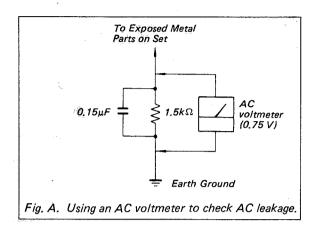
After correcting the original service problem, perform the following safety check before releasing the set to the customer:

Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below,

LEAKAGE TEST

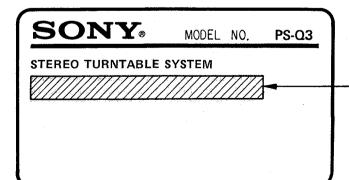
The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microampers). Leakage current can be measured by any one of three methods.

- 1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
- 2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
- 3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate lowvoltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2 V AC range are suitable. (See Fig. A)



MODEL IDENTIFICATION

- Specification Label -



US, Canadian model:

AC: 120 V 60 Hz 3 W

AEP model:

AC: 220 V ~ 50/60 Hz 3 W

UK model:

AC: 240 V ~ 50/60 Hz 3 W

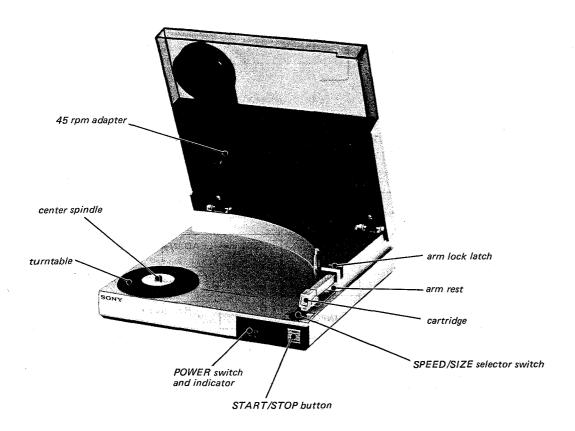
E model: AC: 110 - 120, $220 - 240 \text{ V} \sim 50/60 \text{ Hz } 3 \text{ W}$

PS-Q3

PS-Q3

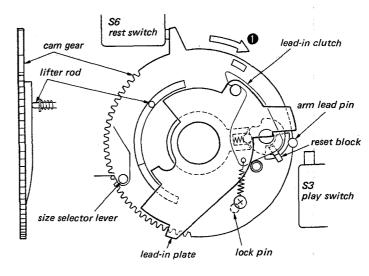
SECTION 1 OUTLINE

1-1. PARTS LOCATION



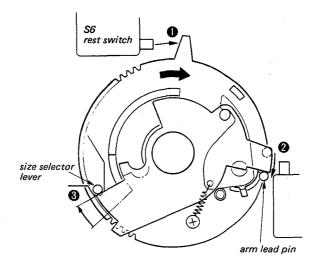
1-2. MECHANISM DESCRIPTION AUTOMATIC OPERATION MODE

1. REST



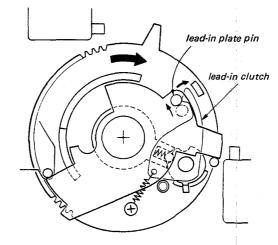
- · Cam gear stops, pressing the rest switch.
- The lifter rod is in the "arm lifted" state.
- The arm lead pin is in the rest position.
- 1 The arm drive motor (M1) is driven when the START/STOP switch is pressed, and the cam gear turns. Then the turntable motor (M2) goes on.

2. DROP POINT



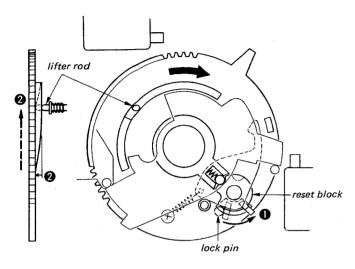
- **1** S6 goes off.
- 2 The arm lead pin is pressed and the arm moves inward
- 3 The lead-in plate hits the size selector lever, and the arm movement stops. (drop point)

3. LEAD-IN CLUTCH RELEASE



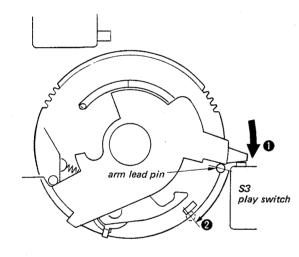
• Since the lead-in plate stops and the cam gear turns, the lead-in clutch comes off of the lead-in plate pin.

4. ARM DOWN



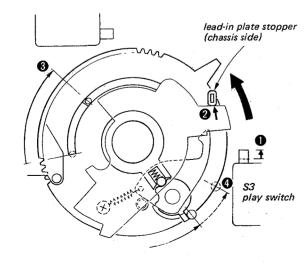
- 1 The claw of the reset block hits the lock pin (chassis side), and the reset block is set.
- 2 The lifter rod traces the slope of the cam gear, and the arm is lowered.

5. PLAYING RECORD



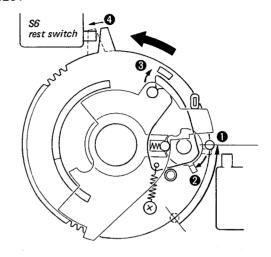
- 1 S3 goes on and the cam gear stops. Record playing starts.
- 2 The arm moves inward as the the record plays, and the arm lead pin moves.

6. RETURN



- When record playing ends, the end detector detects it. Then arm drive motor (M1) is driven, and the cam gear turns counterclockwise.
- 1 S3 goes off.
- 2 The lead-in plate is moved back to the rest position.
- 3 The lifter rod goes up and the arm is lifted.
- The arm lead pin is pressed by the reset block and the arm returns.

7. REST



- 1 The arm is pressed till the arm rest position.
- 2 The arm lead pin stops and the reset block is reset.
- 3 The lead-in cam is locked.
- 4 S6 goes on and the cam gear stops.

 The turntable motor (M2) goes off. (Rest mode)

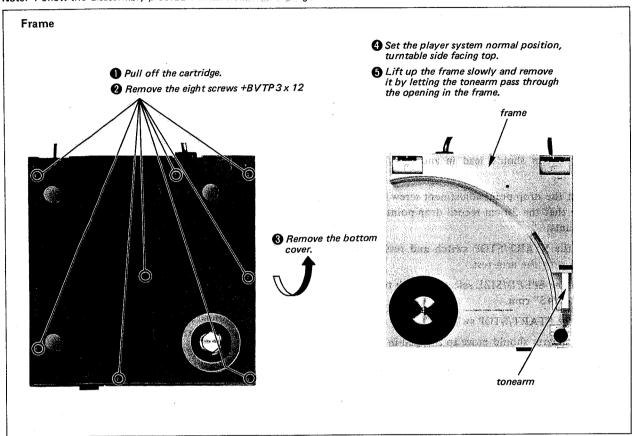
1-3. CIRCUIT DESCRIPTION

IC102's (SYSTEM CONTROLLER IC TC9305P-009) TERMINAL FUNCTIONS

PIN NO.		IN/OUT	TIMING CHART
1	GND		Ground terminal
2	OSC		T
3	CLOCK		Terminal for clock OSC
4	START/STOP REST	INPUT	REST PLEAD-IN PLAY LEAD OUT REST H START/STOP button (S2) is pushed. H Rest switch (S6) is released.
6	PLAY	INPUT	H Play switch(S3) is pushed.
7	END DET	INPUT	H End detector (Q401/402) is Of
. 8	SIZE SELECT	INPUT	H 17 cm / 30 cm
11	SIZE 30	OUTPUT	LED (D402) is on for 30 cm end detector. H 30 cm L
12	SIZE 17	OUTPUT	LED (D401) is on for 17 cm end detector. H
13	ARM OUT	ОИТРИТ	H Arm is lifted and moves outwards.
14	ARM IN	ОИТРИТ	Arm moves inwards and is lowered.
15	TT MOTOR	ОИТРИТ	H Turntable motor (M2) is ON.
16	VDD		Power supply terminal

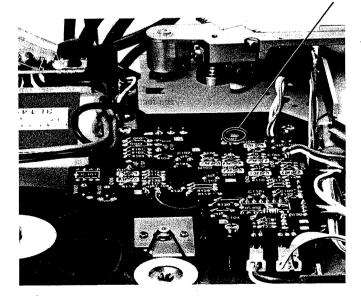
SECTION 2 DISASSEMBLY

Note: Follow the disassembly procedure in the numerical order given.





When reassembling, make sure the protrusion of the cam gear does not land on the lever of the REST switch (S6). When it does, push the lever in to clear the landing.



SECTION 3 ADJUSTMENTS

3-1. MECHANICAL ADJUSTMENTS

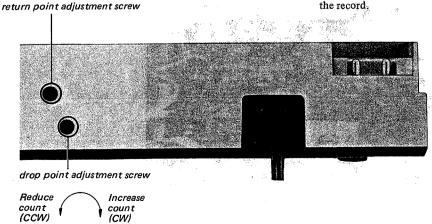
Drop Point Adjustment

- 1. Set the test record (YFSC-16) on the turntable.
- Select the SPEED/SIZE selector switch to "30" cm and "33" rpm.
- Turn on the POWER switch. The LED indicator lights.
- 4. Push the START/STOP switch.
- The tonearm should lead in and play the record.
- 6. Adjust the drop point adjustment screw in such a way that the 30 cm record drop point is 7 to 15 counts.
- 7. Push the START/STOP switch and return the tonearm to the arm rest.
- 8. Select the SPEED/SIZE selector switch to "17" cm and "45" rpm.
- 9. Push the START/STOP switch.
- 10. The tonearm should move to the lead-in groove of 17 cm record and play the record. At this time, the 17 cm record drop point should be 6 to 24 counts. If the drop point is not in the above range, adjust the drop point adjustment screw again.
- 11. Select the SPEED/SIZE selector switch to "30" cm and "33" rpm again. Make sure that the 30 cm record drop point. Adjust the drop point if necessary.

Return Point Adjustment

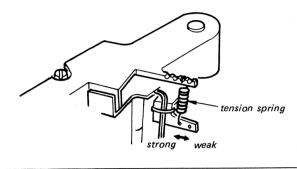
- 1. Put the return point adjustment record (YFSC-16) on the turntable.
- Select the SPEED/SIZE selector switch to "30" cm and "33" rpm.
- 3. Move the tonearm to the start position of the return point groove by hand.
- Turn on the POWER switch. The LED indicator lights.
- 5. Push the START/STOP switch to play the
- Adjust the return point adjustment screw in such a way that the tonearm returns at the 30 cm record return point 10 - 13 counts.
- 7. Select the SPEED/SIZE selector switch to "17" cm and "33" rpm. (The tonearm is on the arm reset.)
- 8. Move the tonearm to the start position of the 17 cm record return point groove by hand.
- 9. Push the START/STOP switch. The tonearm should down to the record groove and play the record.
- 10. The tonearm should stop playing the record an and return to the arm rest at the 17 cm record return point 14 17 counts.
 Readjust the return point adjustment screw finely if necessary.
- 11. Select the SPEED/SIZE selector switch to "30" cm and "33" rpm. Make sure that the 30 cm record return point again.

Caution: If the record play is started under "30" cm selected by the SPEED/SIZE selector switch, the SPEED/SIZE selector switch can be changed from "30" cm to "17" cm during playing the record. However, if the record play is started under "17" cm, the SPEED/SIZE selector switch can not be changed to "30" cm during playing the record.



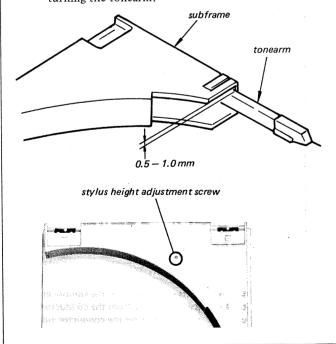
Stylus Pressure Adjustment

- 1. Turn on the POWER switch. Push the START/ STOP switch to let the tonearm lead in.
- 2. Turn off the POWER switch.
- 3. Adjust the stylus pressure at the range of 1.8±0.3 g by changing the compression spring hooking position under the tonearm at horizontal.



Stylus Height Adjustment

- 1. The tonearm is on the arm rest and UP condition.
- 2. Adjust the clearance between the tonearm top surface and subframe inside surface by the stylus height adjustment screw to 0.5-1.0 mm.
- 3. After the adjustment 2, make sure that the tonearm top surface does not touch with the subframe inside surface by leading in and returning the tonearm.

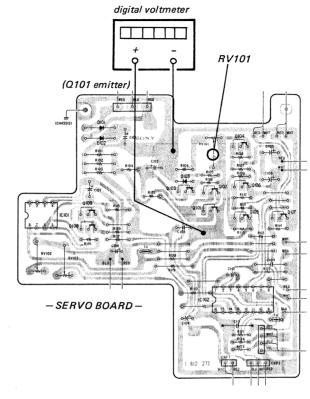


- 9 -

PS-Q3 PS-Q3

3-2. ELECTRICAL ADJUSTMENTS

Power Voltage Adjustment Setting:

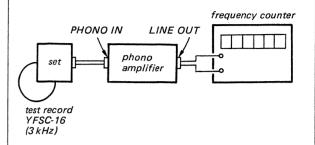


Procedure:

- 1. Turn on the POWER switch. (STOP mode)
- 2. Adjust RV101 for 3.1 V \pm 0.1 V on the digital voltmeter.

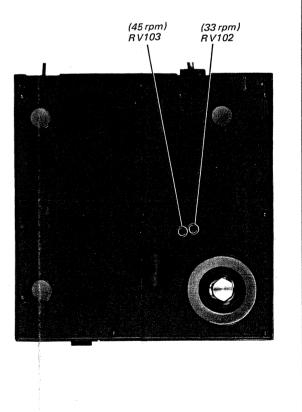
Speed Adjustment

Setting:



Procedure:

- 1. Select the SPEED/SIZE selector switch to "30" cm and "33" rpm.
- 2. Play 3 kHz signal in the test record.
- 3. Adjust RV102 for 3,000 Hz ± 9 Hz on the counter.
- 4. Select the SPEED/SIZE selector switch to "30" cm and "45" rpm.
- 5. Play 3 kHz signal in the test record.
- 6. Adjust RV103 for 4,050 Hz \pm 12 Hz on the counter.



Push the START/ m lead in.

at the range of mpression spring learm at horizon-



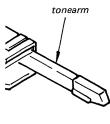
___tension spring

st and UP condi-

the tonearm top surface by the w to 0.5 - 1.0

ce sure that the touch with the ading in and re-

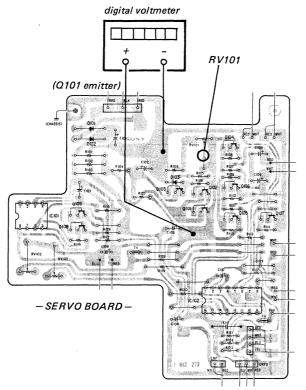
rame



3-2. ELECTRICAL ADJUSTMENTS

Power Voltage Adjustment

Setting:

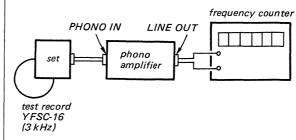


Procedure:

- 1. Turn on the POWER switch. (STOP mode)
- 2. Adjust RV101 for 3.1 V ± 0.1 V on the digital voltmeter.

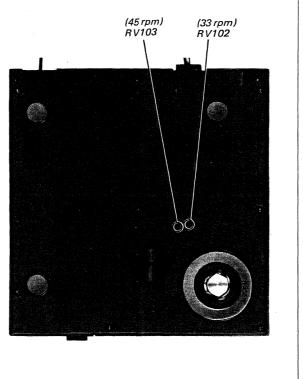
Speed Adjustment

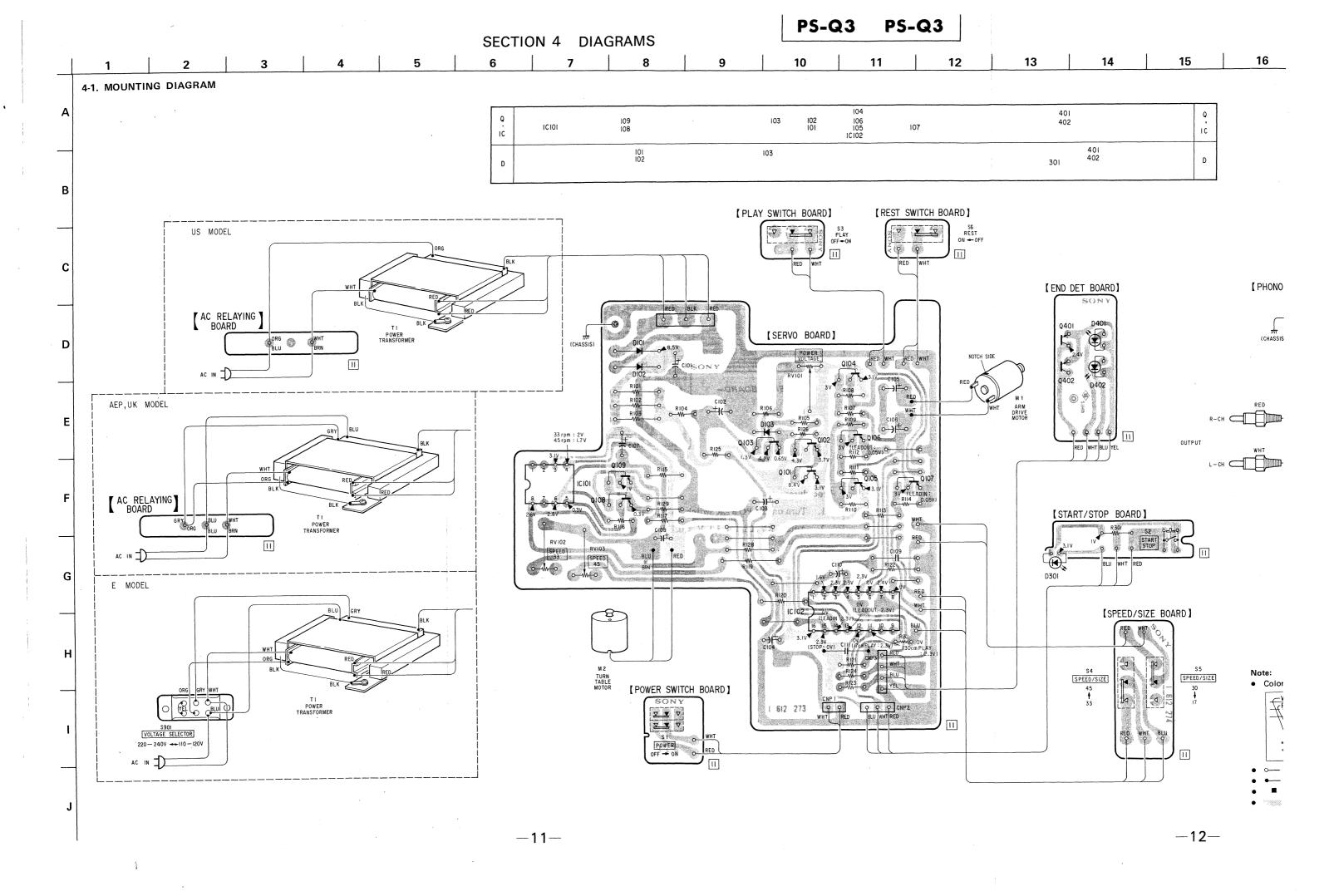
Setting:



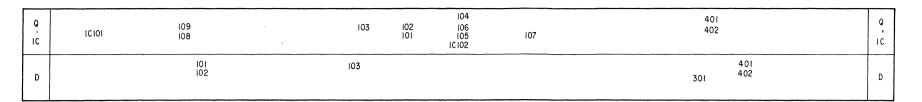
Procedure:

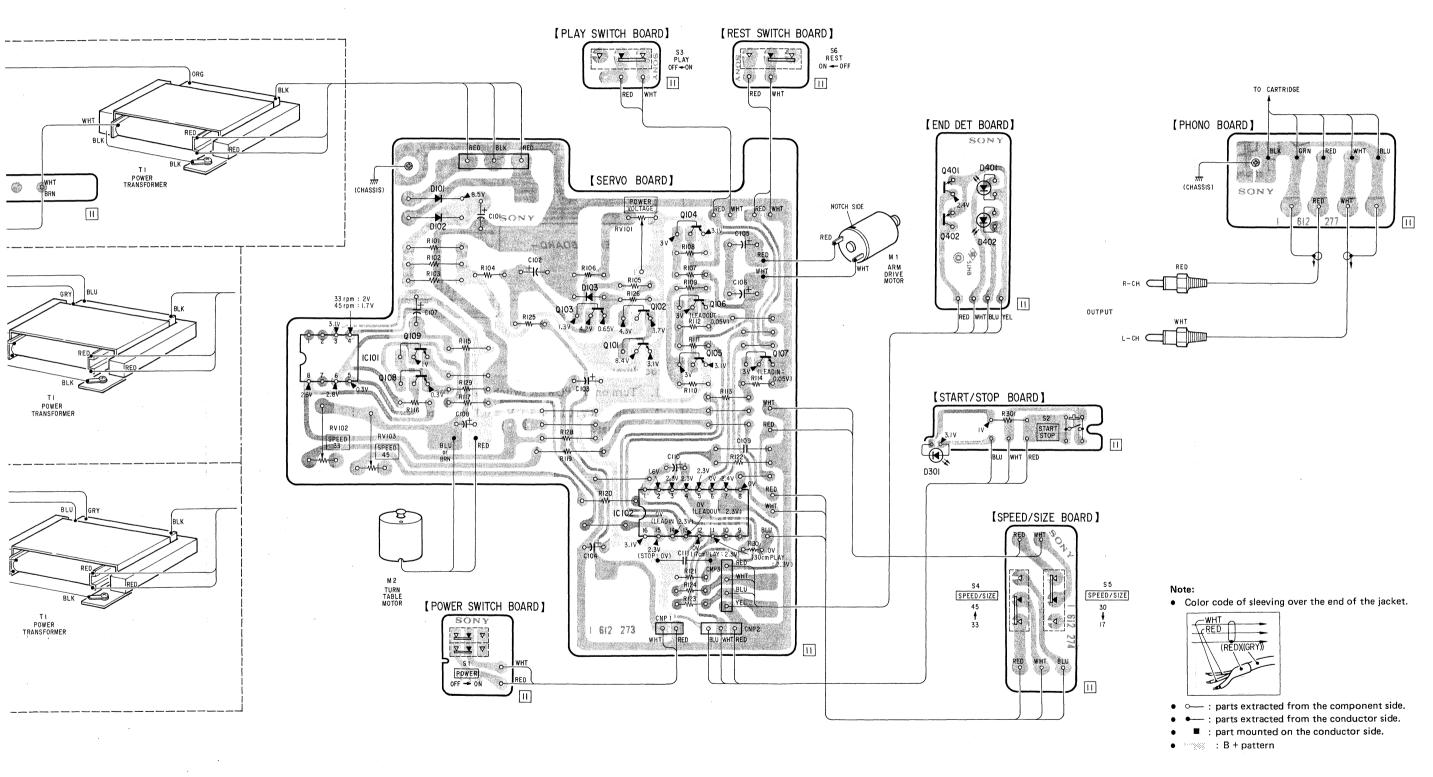
- 1. Select the SPEED/SIZE selector switch to "30" cm and "33" rpm.
- 2. Play 3 kHz signal in the test record.
- 3. Adjust RV102 for 3,000 Hz \pm 9 Hz on the counter.
- 4. Select the SPEED/SIZE selector switch to "30" cm and "45" rpm.
- 5. Play 3 kHz signal in the test record.
- 6. Adjust RV103 for 4,050 Hz \pm 12 Hz on the counter.



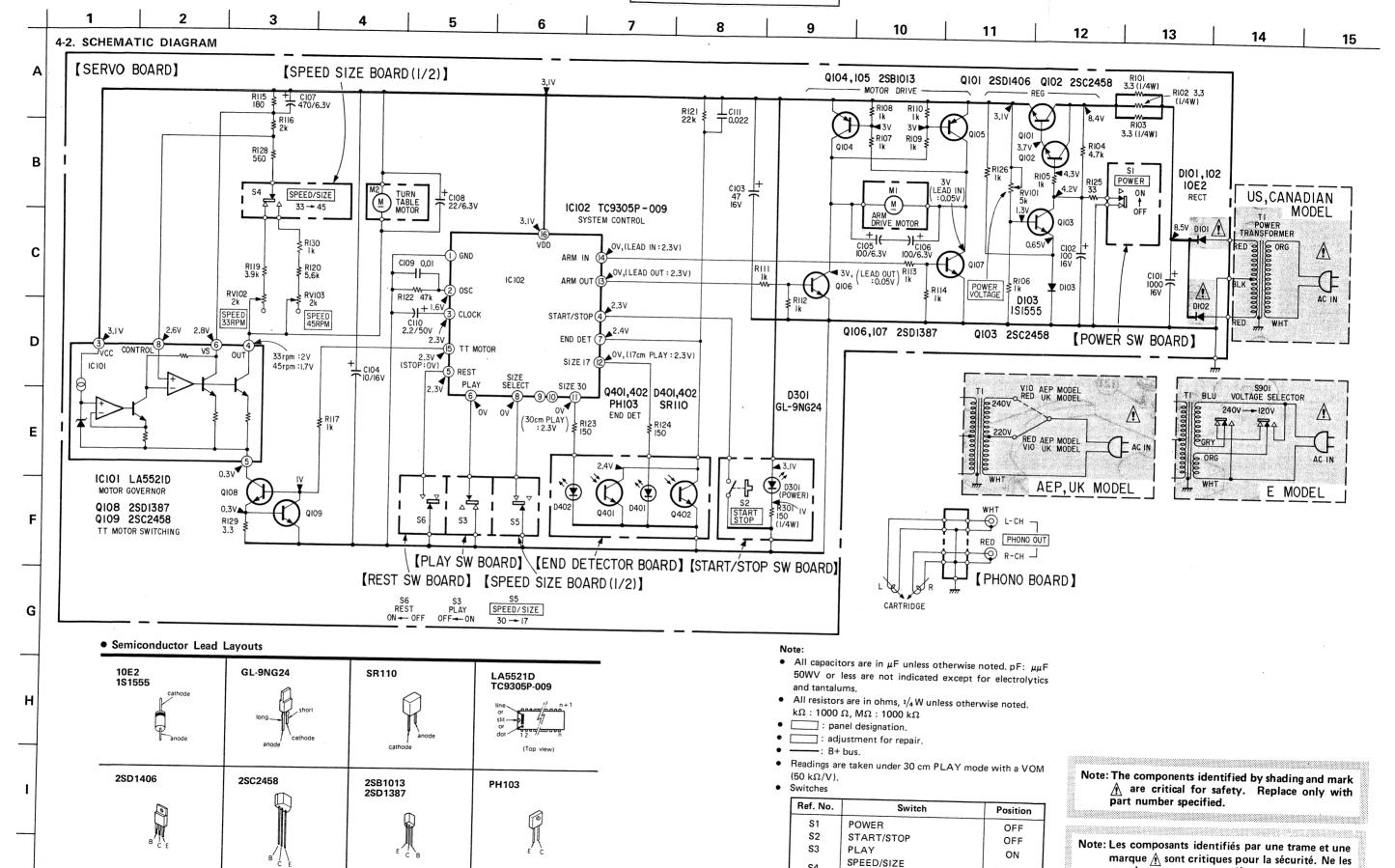


4 5 6 7 8 9 10 11 12 13 14 15 16 17 18









S4

S5

S6

(45 RPM/33 RPM)

SPEED/SIZE

(17 cm/30 cm)

REST

—13—

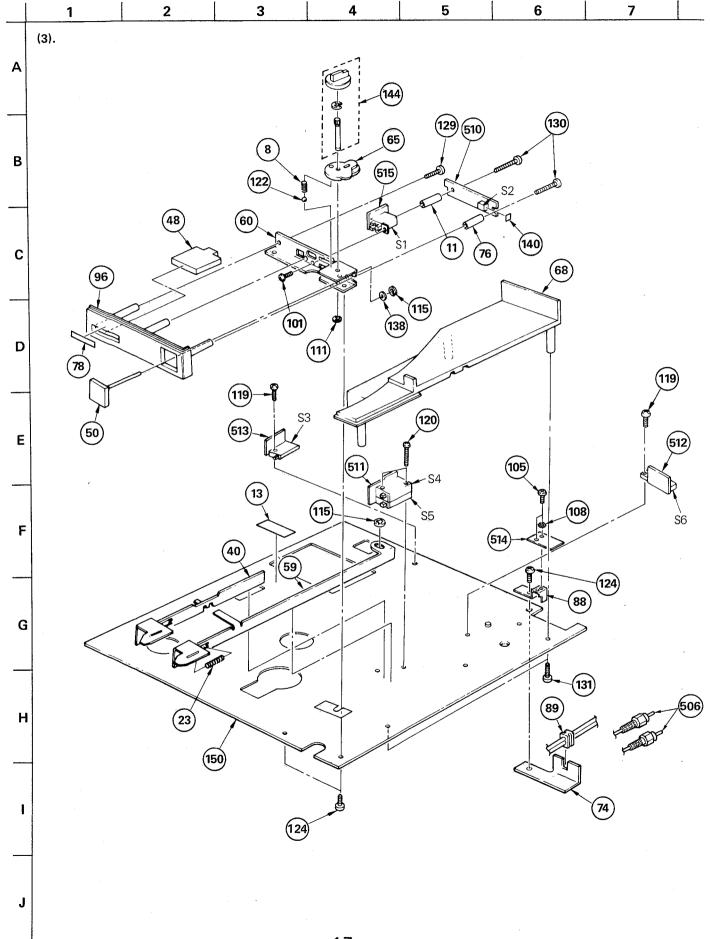
spécifié.

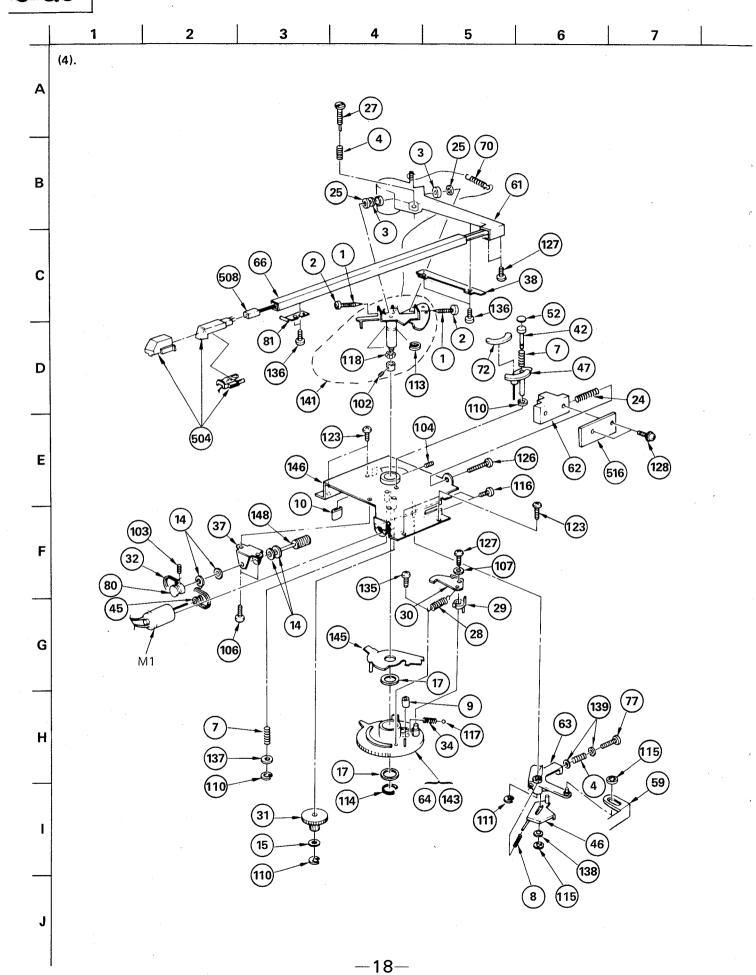
33 RPM

30 cm

OFF

remplacer que par une pièce portant le numéro





GENERAL	SECTION		GENERAL	SECTION
No. Part No.	Description	No.	Part No.	Description
1 2-203-518-61 2 2-203-519-00 3 2-203-530-00	SCREW, PIVOT NUT (A), LOCK, PIVOT DAMPER	46 47 48	4-885-132-00	PLATE, ADJUSTMENT BLOCK, UP END DOWN BUTTON, POWER
4 3-549-887-00 5 3-570-027-00 6 3-570-118-00		49 50 51	4-885-136-00	BUTTON, S/S
7 3-573-150-00 8 3-576-098-00 9 3-579-008-00	SPRING, COMPRESSION	52 53 54	4-885-143-00	PAD, BRAKE SPACER (A), LEG SPACER (B), LEG
10 3-579-032-00 11 • ;3-654-056-00 12 3-663-748-00	SPACER (2.6X7)		4-885-145-00 •;4-885-156-00 •;4-885-158-00	PLATE, HOLDING, TRANSFORMER
13 3-701-030-00 14 3-701-437-11 15 3-701-437-21		59	♦ ;4-885-159-00 ♦ ;4-885-163-00 ♦ ;4-885-164-00	(E)BRACKET (C), POWER CORD LEVER, SELECT BRACKET, CONTROL BLOCK
16 3-701-438-21 17 3-701-448-21 18 3-701-682-00	WASHER, POLYETHYLENE	61 62 63	4-885-169-00	
19 3-701-690-00 20 3-703-244-00 21 3-703-705-01	(AEP,UK)BUSHING, CORD STICKER, SONY SYMBOL (30)	64 65 66 67	4-885-172-00 4-885-173-00	CAM, SELECTION
22 \ \) ;3-703-845-01 23	SPRING, COMPRESSION SPRING, COMPRESSION	68	\$;4-885-176-12 \$;4-885-176-41 \$;4-885-176-51	(RED)FRAME, SUB (BLACK)FRAME, SUB (SILVER)FRAME, SUB
25 4-863-604-00 26 4-870-945-00 27 \[\] ;4-873-347-00	RING (P9), 0 SHAFT, ADJUSTMENT, HIGH	69	\$;4-885-178-07 \$;4-885-178-16 \$;4-885-178-26	(AEP,UK)PLATE, BOTTOM (E)PLATE, BOTTOM (US,Canadian)PLATE, BOTTOM
28 4-877-850-00 29 4 ;4-879-717-00 30 4-879-718-00	RESET BLOCK	70 71 72		SPRING, TENSION FELT, UP AND DOWN
31 4-879-727-00 32 4-879-751-00 33 4-879-761-11	BELT HINGE		4-885-186-00 4;4-885-188-00 4;4-885-197-00	BEARING, RADIAL PLATE (B), JACK (US,Canadian,AEP,UK)PROTECTOR
34 4-879-762-00 35 ♦ ;4-881-683-00 36 ♦ ;4-885-101-00	(E)LABEL, VOLTAGE RUBBER, HOLDING, TRANSFORMER	76 77 78		
38 4:4-885-106-00	SUPPORT, WORM SHAFT PLATE, LOWER, ARM (US,Canadian)BRACKET (A), POWER CORD	79 80 81	♦;4-885-215-00	(E)PROTECTOR, POWER PULLEY SPRING, LEAF
40 \(\) ;4-885-108-00 41 4-885-110-00 42 4-885-117-00	SPACER SHAFT, BRAKE	83		PLATE (A), WEIGHT PLATE (B), WEIGHT NUT, PLATE
43 4-885-125-00 44 4-885-126-00 45 4-885-130-00	D NUT	85 86 87		SLEEVE, CENTER SHEET, ROTOR ADAPTOR, SLIT

NOTE:

The mechanical parts with no reference number in the exploded views are not supplied.

- Items marked " " are not stocked since they are seldom required for routine service. Some delay should be antici-pated when ordering these items.
- Due to standardization, parts with part numbers ($\Delta-\Delta\Delta\Delta-\Delta\Delta\Delta-XX$ or $\Delta-\Delta\Delta\Delta\Delta-\Delta\Delta\Delta-X$) may be different from those used in the set.
- If there are two or more same circuits in a set such as a stereophonic machine, only typical circuit parts may be indicated and capacitors and resistors in other same circuits may be omitted.

CAPACITORS:

All capacitors are in μF . Common capacitors are omitted. Refer to the following lists for their part numbers. MF: μF , PF: $\mu \nu F$.

COILS-

· MMH : mH, UH : µH

SEMICONDUCTORS

In each case, U : μ, for example: UA···: μΑ···, UPA···: μPΑ···, UPC···: μPC, $UPD\cdots:\ \mu PD\cdots$

GENERAL SECTION

No.	Part No.	Description
89	♦ ;4-905-507-01 4-905-508-01 ♦ ;4-905-509-01 4-905-511-01	BRACKET, PC BOARD, PHONO BUSHING, CORD BASE, MOTOR PULLEY
92 92 93	4-905-514-01 4-905-514-11 4-905-517-01	(SILVER, RED)PLATE, ORNAMENTAL (BLACK)PLATE, ORNAMENTAL RING, ROTOR
94 94 94 94	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(US,Canadian)LABEL, MODEL NUMBER (E)LABEL, MODEL NUMBER (UK)LABEL, MODEL NUMBER (AEP)LABEL, MODEL NUMBER
95 96 96		CASE, WEIGHT (BLACK)PANEL, CONTROL (RED)PANEL, CONTROL
97 98 98 98		CAP, ORNAMENT (SILVER)FRAME (BLACK)FRAME (RED)FRAME
99 100 101		BELT, MOTOR BELT, ROTOR SCREW +P 2X4
102 103 104	7-621-712-17 7-621-731-08 7-621-734-09	SET-SCREW, SLOT 2.6X2 CUP POINT SET-SCT, HEX. 2X2.5, FLAT POINT SET-SCT, HEX. 2.6X3
105 106 107	7-621-772-18 7-621-775-10 7-623-105-12	SCREW +B 2X4 SCREW +B 2.6X4 W 2, MIDDLE
108 109 110		LW 2, TYPE B LW 3, TYPE B STOP RING 1.5, TYPE -E
111 112 113	7-624-104-04 7-624-109-04 7-624-133-44	STOP RING 2.0, TYPE -E STOP RING 5.0, TYPE -E STOP RING 9, TYPE-CE
114 115 116	7-624-133-74 7-624-190-81 7-627-553-38	STOP RING 12, TYPE-CE STOP RING 2, TYPE-CS SCREW, PRECISION +P 2X3
117 118 119	7-671-113-02 7-671-151-01 7-621-770-XX	STEAL, BALL 3 STAINLESS, BALL 1/16INCH SCREW +P 2.6X8
120 121 122	7-621-775-88 7-682-250-09 7-621-113-01	SCREW +P 2,6X16 SCREW +K 3X12 BALL, STEAL
123 124 125	7-682-546-04 7-682-546-09 7-682-550-09	SCREW +BVTT 3X5 (S) SCREW +B 3X5 SCREW +B 3X12

GENERAL SECTION

No.	Part No.	Description
	7-685-102-19	SCREW +P 3X14 SCREW +P 2X4 TYPE2 SLIT SCREW +P 2X6 TYPE2 NON-SLIT
129 130 131	7-685-138-11	SCREW +P 2.6X8 TYPE2 NON-SLIT SCREW +P 2.6X16 TYPE2 NON-SLIT SCREW +BVTP 3X10 TYPE2 N-S
132 133 134	7-685-648-19 7-685-751-09 7-685-772-04	SCREW +BVTP 3X12 TYPE2 N-S (E)SCREW +BVTT 3X6 SCREW +PTT 1.7X2, TYPE1
135 136 137	7-685-799-04	
138 139 140	7-688-001-11 7-688-003-01 9-911-863-XX	W 3, SMALL
142	A-4607-016-A A-4608-283-A A-4609-027-A	
145	A-4611-130-A \$;X-4885-101-0 \$;X-4885-103-0	PLATE ASSY, LEAD-IN
147	X-4885-107-6 X-4885-107-7 X-4885-107-8	(BLACK)COVER ASSY, DUST (SILVER)COVER ASSY, DUST (RED)COVER ASSY, DUST
	♦ ;X-4885-111-0 X-4905-502-1	GEAR ASSY, WORM BRACKET ASSY, MOTOR
150 150	♦; X-4905-505-1 X-4905-504-1	(US,Canadian,AEP,UK)CHASSIS ASSY (B) (E)CHASSIS ASSY (A)

NOTE:

- The mechanical parts with no reference number in the exploded views are not supplied.
- Items marked " 6 " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- · Due to standardization, parts with part numbers $(\Delta-\Delta\Delta\Delta-\Delta\Delta\Delta-XX$ or $\Delta-\Delta\Delta\Delta\Delta-\Delta\Delta\Delta-X)$ may be different from those used in the set.
- If there are two or more same circuits in a set such as a stereophonic machine, only typical circuit parts may be indicated and capacitors and resistors in other same circuits may be omitted.

CAPACITORS:

· All capacitors are in μF. Common capacitors are omitted. Refer to the following lists for their part numbers. MF:μF, PF:μμF.

COILS

· MMH : mH, UH : բH

SEMICONDUCTORS

In each case, U : μ, for example: UA···: μΑ···, UPA···: μΡΑ···, UPC···: μΡC, UPD···: μΡΟ···

ACCESSORY & PACKING MATERIAL

No.	Part No.	Description
201 202 202 202	3-701-630-00 3-773-862-11 3-773-862-21 3-773-862-41	BAG, POLYETHYLENE (Canadian, AEP, UK)MANUAL, INSTRUCTION (US)MANUAL, INSTRUCTION (E)MANUAL, INSTRUCTION
203 204 205	3-795-557-11 3-849-119-00 4-885-168-00	INSTRUCTION, TURNTABLE SPACER BAG, PROTECTION ADAPTOR, 45
206 207 208	4-885-190-00 4-885-192-00 4-885-193-00	STOPPER, ARM SHEET, PROTECTION SHEET, PROTECTION
209 210 211 212	4-885-205-00 4-885-206-00 4-885-212-00 4-905-533-01	CUSHION (FRONT) CUSHION (REAR) SPACER, TURNTABLE INDIVIDUAL CARTON

ELECTRICAL PARTS

Ref.No.	Part No.	Description
	1-508-800-13 1-526-565-00 1-535-416-00 1-549-113-00	U TYPE BASE POST 3P (E)AC PLUG ADAPTOR TERMINAL CARTRIDGE
505 ₫	1-551-506-XX	(AEP)CORD, POWER, EULO PLUG (US,Canadian)CORD, POWER (E)CORD, POWER (UK)CORD, POWER
506 507	1-551-294-00	CORD
508	1-556-504-00	CONNECTOR, PLUG IN TYPE
510	;1-608-536-00 ;1-609-930-00 ;1-612-274-11	PC BOARD, PRIMARY TRANSLATION PC BOARD, S/S SW PC BOARD, SPEED SIZE
513	;1-612-275-11 ;1-612-276-11 ;1-612-277-11	PC BOARD, REST SW PC BOARD, PLAY SW PC BOARD, PHONO
516	;1-612-479-11 ;1-612-480-11 ;A-4619-238-A	PC BOARD, POWER SW PC BOARD, END DETECTION MOUNTED PCB, SERVO
C101 C102 C103	1-123-324-00 1-123-333-00 1-123-821-00	ELECT 1000MF 20% 16V ELECT 100MF 20% 16V ELECT 47MF 20% 16V
C104 C105 C106	1-123-617-00 1-123-661-00 1-123-661-00	ELECT 10MF 20% 16V ELECT 100MF 20% 6.3V ELECT 100MF 20% 6.3V
C107 C108 C109	1-123-298-00 1-123-618-00 1-162-113-00	ELECT 470MF 20% 6.3V ELECT 22MF 20% 6.3V CERAMIC 0.01MF 30% 16V
C110 C111	1-123-612-00 1-161-494-00	ELECT 2.2MF 20% 50V CERAMIC 0.022MF 30% 25V
CNP2	5;1-564-111-00 5;1-564-112-21 5;1-564-113-11	PIN, CONNECTOR 2P PIN, CONNECTOR 3P PIN, CONNECTOR 4P
	N. 8-719-200-02 N. 8-719-200-02 8-719-815-55	DIODE 10E2**** (5-2#\$ ******) DIODE 10E2 DIODE 1S1555
D301 D401 D402	8-719-909-31 8-719-101-11 8-719-101-11	DIODE GL-9NG24 DIODE SR110 DIODE SR110
IC101 IC102	8-759-801-08 8-759-202-48	IC LA5521D IC TC9305P-009
M1 M2	1-541-217-00 8-835-106-01	MOTOR, ARM DRIVE MOTOR (DNR-6901A), TURN TABLE

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COILS

· MMH : mH, UH : բH

SEMICONDUCTORS

In each case, U : μ, for example:
UA···: μΑ···, UPA···: μΡΑ···, UPC···: μΡC,
UPD···: μPD···

The components identified by shading and mark Aare critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque Asont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

ELECTRICAL PARTS

Ref.No.	Part No.	Description	
Q101	8-729-201-78	TRANSISTOR 2SD1406	
Q102	8-729-245-83	TRANSISTOR 2SC2458	
Q103	8-729-245-83	TRANSISTOR 2SC2458	
Q104	8-729-801-83	TRANSISTOR 2SB1013	
Q105	8-729-801-83	TRANSISTOR 2SB1013	
Q106	8-729-801-93	TRANSISTOR 2SD1387	
Q107	8-729-801-93	TRANSISTOR 2SD1387	
Q108	8-729-801-93	TRANSISTOR 2SD1387	
Q109	8-729-245-83	TRANSISTOR 2SC2458	
Q401	8-729-101-13	TRANSISTOR PH103	
Q402	8-729-101-13	TRANSISTOR PH103	
R101	1-246-413-00	CARBON 3.3	5% 1/4W
R102	1-246-413-00	CARBON 3.3	5% 1/4W
R103	1-246-413-00	CARBON 3.3	5% 1/4W
R104	1-247-847-00	CARBON 4.7K	5% 1/6W
R105	1-247-831-00	CARBON 1K	5% 1/6W
R106	1-247-831-00	CARBON 1K	5% 1/6W
R107	1-247-831-00	CARBON 1K	5% 1/6W
R108	1-247-831-00	CARBON 1K	5% 1/6W
R109	1-247-831-00	CARBON 1K	5% 1/6W
R110	1-247-831-00	CARBON 1K	5% 1/6W
R111	1-247-831-00	CARBON 1K	5% 1/6W
R112	1-247-831-00	CARBON 1K	5% 1/6W
R113	1-247-831-00	CARBON 1K	5% 1/6W
R114	1-247-831-00	CARBON 1K	5% 1/6W
R115	1-247-813-00	CARBON 180	5% 1/6W
R116	1-247-838-00	CARBON 2K	5% 1/6W
R117	1-247-831-00	CARBON 1K	5% 1/6W
R119	1-247-845-00	CARBON 3.9K	5% 1/6W
R120	1-247-849-00	CARBON 5.6K	5% 1/6W
R121	1-247-863-00	CARBON 22K	5% 1/6W
R122	1-247-871-00	CARBON 47K	5% 1/6W
R123	1-247-811-00	CARBON 150	5% 1/6W
R124	1-247-811-00	CARBON 150	5% 1/6W
R125	1-247-795-00	CARBON 33	5% 1/6W
R126	1-247-831-00	CARBON 1K	5% 1/6W
R128	1-247-825-00	CARBON 560	5% 1/6W
R129	1-247-771-00	CARBON 3.3	5% 1/6W
R130	1-247-831-00	CARBON 1K	5% 1/6W
R301	1-246-453-00	CARBON 150	5% 1/4W
RV101	1-226-235-00	RES, ADJ, CARBON 5K	
RV102	1-226-234-00	RES, ADJ, CARBON 2K	
RV103	1-226-234-00	RES, ADJ, CARBON 2K	

ELECTRICAL PARTS

Ref.No.	Part No.	Description
\$1 \$2 \$3	1-553-909-00 1-553-856-00 1-552-532-00	SWITCH, PUSH (1 KEY)(POWER) SWITCH, KEY BOARD (START/STOP) SWITCH, PUSH
T1 <u>À</u> T1 <i>∆</i> £	1-552-532-00 1-552-532-00 1-552-532-00 ₃₋₁ -552-535-00 ₃₋₁ -447-435-00 ₃₋₁ -447-438-00 ₃₋₁ -447-437-00	(UC,Canadian)TRANSFORMER, POWER (AEP, UK)TRANSFORMER, POWER

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Sony Corporation

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